



**US Army Corps
of Engineers®
New England District**

696 Virginia Road
Concord, MA 01742-2751

PUBLIC NOTICE

Date: June 13, 2006

Comment Period Ends: July 14, 2006

File Number: NAE-2006-1459

In Reply Refer To: Richard Roach

Or by e-mail: Richard.A.Roach@usace.army.mil

NH DOT proposes to place 3.3 acres of fill in conjunction with improvements to two miles of NH Route 25 in Warren.

Request for comments.

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation.

APPLICANT

New Hampshire Department of Transportation
Concord, NH 03302-0483

ACTIVITY

Two miles of **improvement to New Hampshire Route 25 Highway** in Glencliff area of Warren . A detailed description and plans of the applicant's activity are attached.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in wetlands tributary to Olivarian Brook (CONNECTICUT River Basin) and Berry Brook (Baker River Basin) along New Hampshire Route 25 in the Town of Warren, New Hampshire. The proposed work is on New Hampshire Route 25 beginning approximately 200 meters (650 feet) east of the Warren/Benton town line and continuing southeast approximately 2.0 miles through the village of Glencliff. The northern end of the work proposed is located at 43° 59' 29.5" North latitude, 71° 54'00" West longitude. The southern end of the proposed work is at 43° 57' 53" North latitude, 71° 53' 10" West longitude. The project is located on the USGS Warren, NH quadrangle sheet.

AUTHORITY

A Corps of Engineers permits is required pursuant to:

Section 10 of the Rivers and Harbors Act of 1899

Section 404 of the Clean Water Act

Section 103 of the Marine Protection, Research and Sanctuaries Act).

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972 as amended.

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Richard Roach at (978) 318-8211, (800) 343-4789.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

(1) 106 REVIEW COMPLETE

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation

**CENAE-R
FILE NO. NAE-200x-xxx**

Officer(s)

Pursuant to the Endangered Species Act, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, License or Assent from State.
() Permit from Local Wetland Agency or Conservation Commission.
(X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.



Frank J. DelGiudice
Chief, Permits & Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____

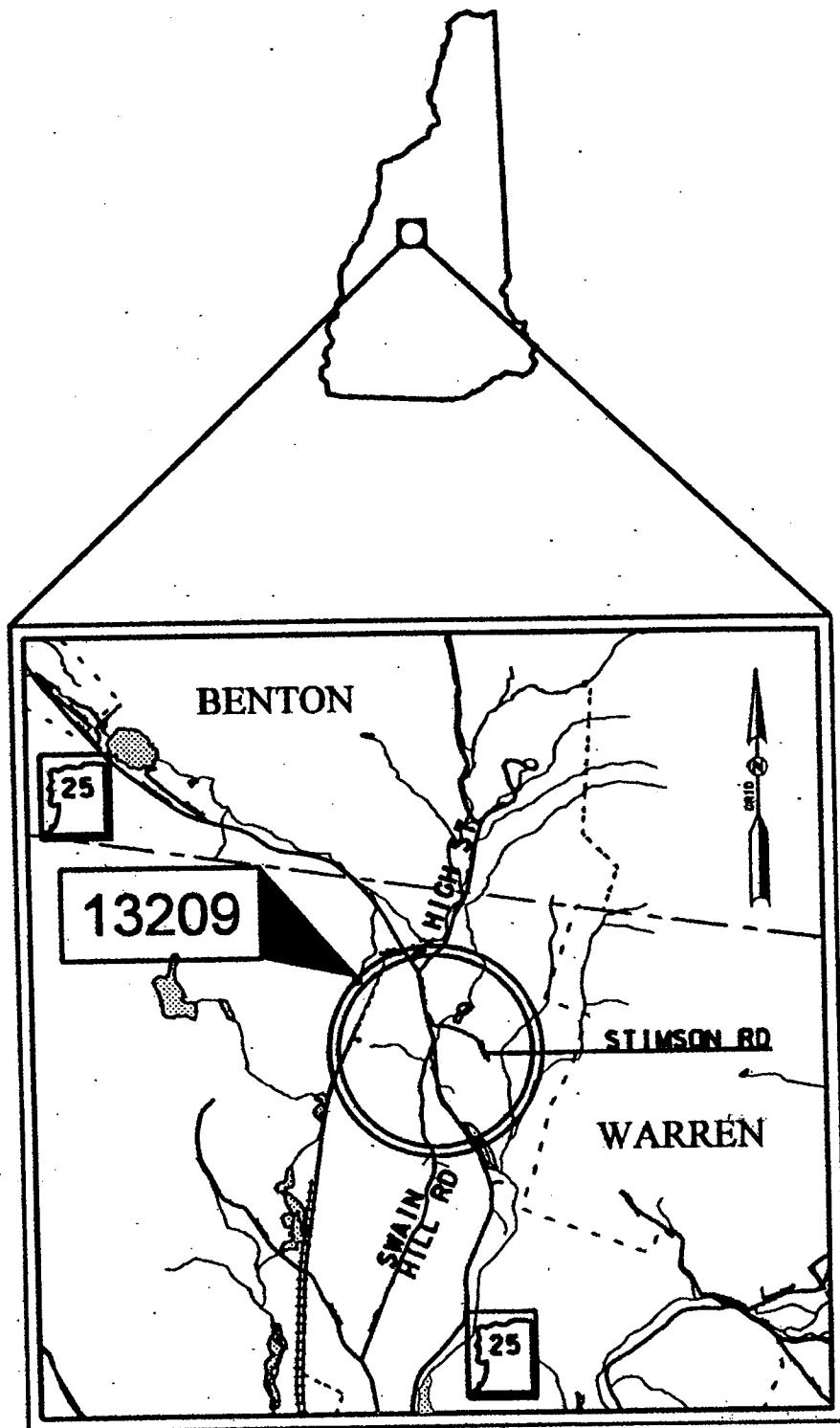
PROPOSED WORK

The work includes the discharge of fill material for the following:

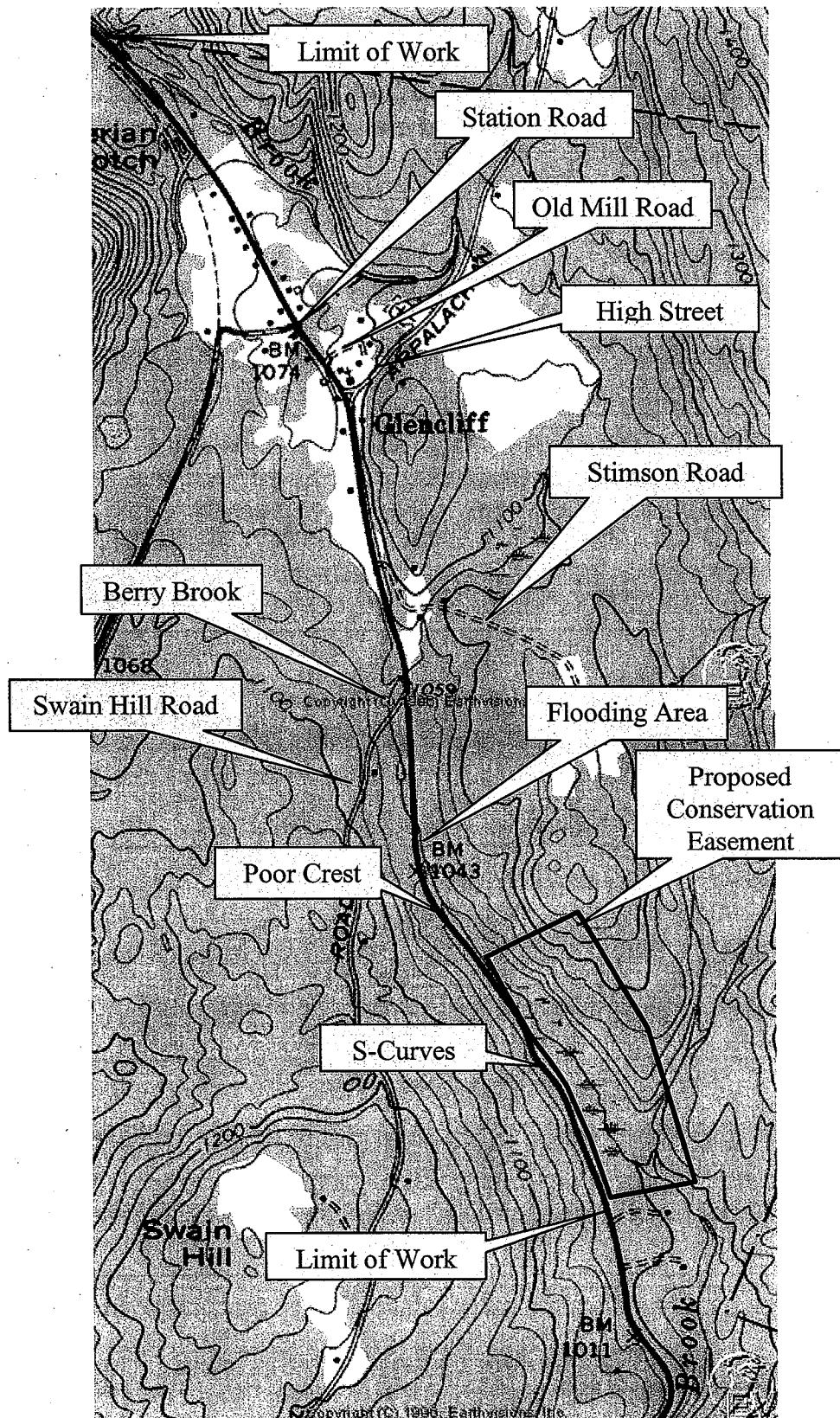
1. The existing roadway will be reconstructed and widened to accommodate traffic needs while limiting impacts on private property as follows:
 - a. NH Route 25 will be cold planed and repaved in its original location from the western limit of work though the Stimson Road intersection (approximately 1.2 kilometers [0.75 mile]);
 - b. NH Route 25 from Stimson Road to the eastern limit of work (approximately 2.0 kilometers [1.25 miles]) will require full depth reconstruction and will be widened to two 3.6-meter-wide (12-foot) travel lanes and two 1.2-meter-wide (4-foot) shoulders.
2. The sharp crest east of Swain Hill Road will be reduced.
3. The "S" curves will be eliminated.
4. The Swain Hill Road intersection will be reconstructed so that it is more normal to NH Route 25 by relocating it approximately 40 meters (130 feet) easterly. The current Stimson Road intersection will not be relocated.
5. The High Street intersection will be reconfigured to form a T-type intersection by removing the island.
6. The corduroy road section within the wetland will be removed, and the area will be converted into a 0.2-hectare (0.5 acre) compensatory wetland mitigation site.
7. The existing drainage is poor throughout this section and requires roadway ditch work, as well as, replacement of cross culverts. Drainage improvements will include the construction of three precast concrete box culverts to replace existing metal pipe arch pipes with minimal cover. The box culverts carry Berry Brook or a tributary thereof and will be constructed with a natural bottom for fish passage.
8. The approach and outlet channels to the box culverts will be stone lined. Other culverts will be protected with conventional stone pads.
9. Underdrain will be required throughout the reconstruction limits due to the high ground water table.
10. Approximately 1.3 hectares (3.2 acres) of wetland will be impacted by the road construction. A 12.1-hectare (30-acre) conservation easement is proposed on Parcel 82 (Barbara Woods Trust).

Mitigation in the form of restoration/removal of old fill for the existing road embankment amounting to one half acre of wetlands is to be restored in the vicinity of stations 434 to 436 (sheets 20 and 21 of plans) and the preservation of a 30 acre parcel of land adjacent to Berrys Brook near the southern terminus of the work has been proposed as compensatory mitigation.

The work is described on the enclosed undated plans entitled "Wetlands Plans, Betterment Project, N.H. Project No. 13209, NH Route 25, Town of Warren, County of Grafton" on 32 sheets.

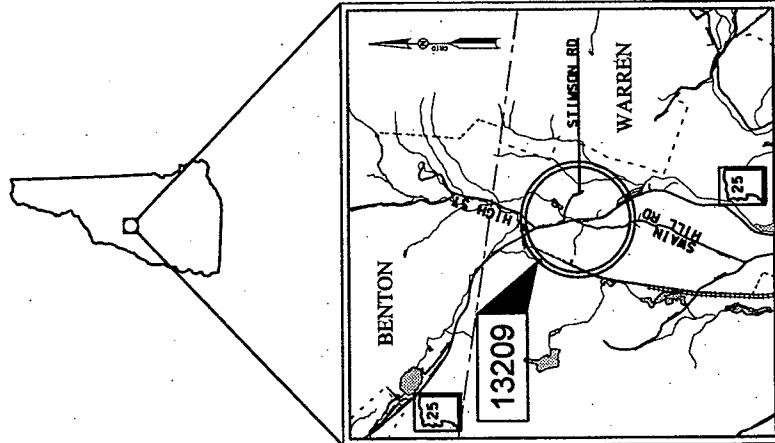


LOCATION MAP



**STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
WETLANDS PLANS
BETTERMENT PROJECT**

**N.H. PROJECT NO. 13209
NH ROUTE 25**

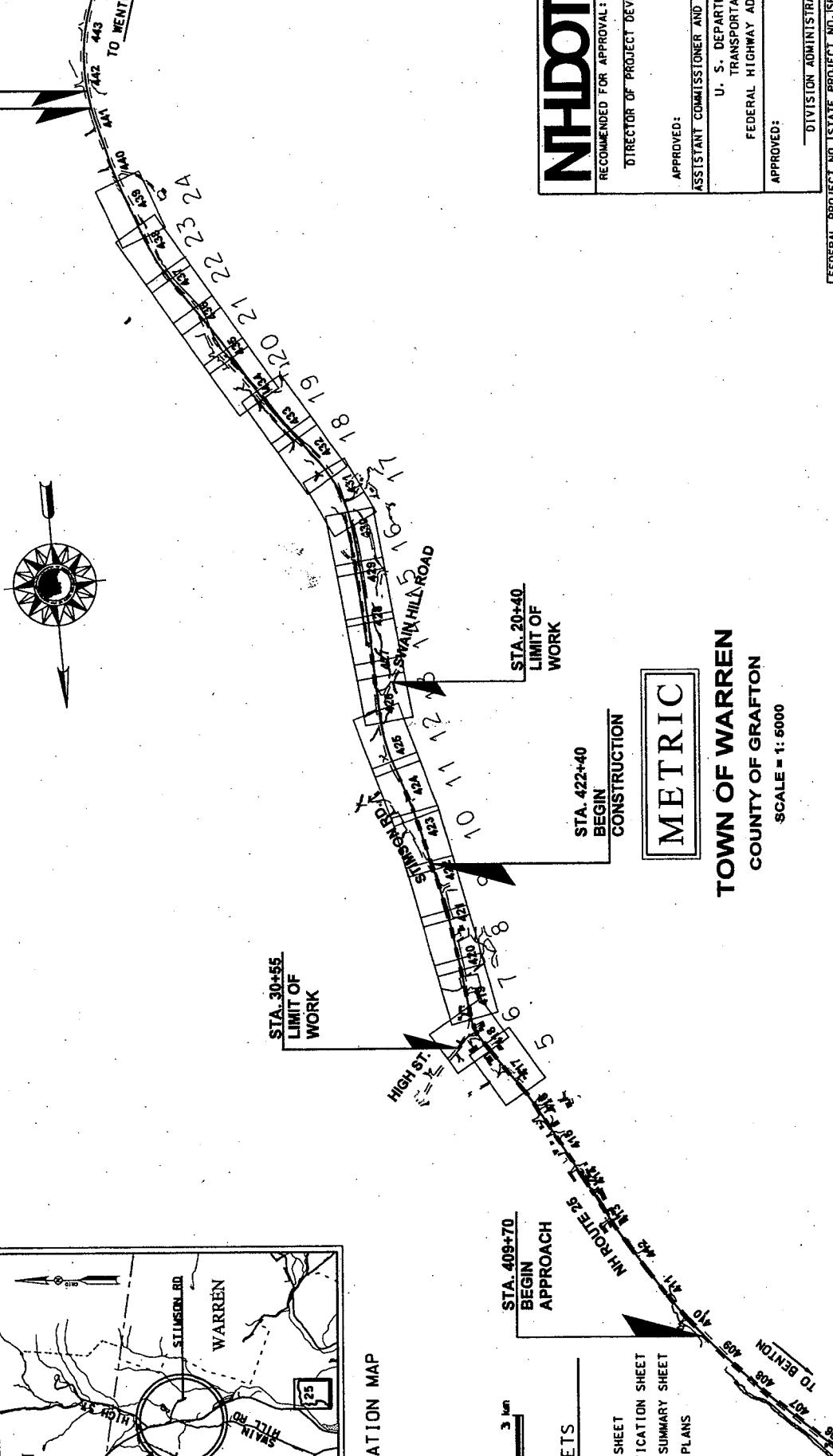


DESIGN DATA

AVERAGE DAILY TRAFFIC 2092
AVERAGE DAILY TRAFFIC 2022
PERCENT OF TRUCKS 6%
DESIGN SPEED 55 mph
LENGTH OF PROJECT 1.5 miles

**STA. 441+60
END APPROACH**

**STA. 441+30
END CONSTRUCTION**



LEGEND

TYPE OF WETLAND IMPACT	PERMANENT IMPACT	# WETLAND DESIGNATION NUMBER
N.H.W.B. (NON-WETLAND)		
N.H.W.B. & A.C.O.E. (WETLAND)		

N.H.W.B. - NEW HAMPSHIRE WETLANDS BUREAU
A.C.O.E. - ARMY CORP. OF ENGINEERS

ORDINARY HIGH WATER TOP OF BANK & MITIGATION

TIDAL BUFFER ZONE TOP OF BANK & ORDINARY HIGH WATER

HIGHEST OBSERVABLE TIDAL LINE DELINEATED WETLAND

STATE OF NEW HAMPSHIRE	
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN	
FEDERAL PROJECT NO.: STATE PROJECT NO.: SHEET NO.: TOTAL SHEETS	
WARREN	
N/A	13209
2	24

WETLAND IMPACT SUMMARY

WETLAND DESIGNATION	USFWS WETLAND CLASSIFICATION	LOCATION	AREA					
			N.H.W.B. (NON-WETLAND)		N.H.W.B. & A.C.O.E. (WETLAND)		TEMPORARY IMPACTS	
m ²	SF	m ²	SF	m ²	SF	m ²	SF	
36	PEM1B	A		13	140			
35	PEM1B	B		4	44			
31	PSS/EM1B	C		83	894			
30	PF04/1B	D		1190	12810	7	76	
29	R3UBH	E	57	614				
28	PSS1B	F		25	270	39	420	
	NOT USED	G						
26	R3UBH	H	19	205				
28	PSS1B	I		134	1445	39	420	
	NOT USED	J						
24	PF04/1B	K		49	528			
23	PF01B	L		470	5060			
21	R3UBH	M	41	442				
24	PF04/1B	N		41	442			
17	R3RS3	O	59	636				
20	PF04B	P		27	291			
16	PSS1Bb	Q		187	2016			
13	PSS1B	R		1747	18805			
12	PF04/1E	S		794	8547			
12	PF04/1E	T				33	356	
14	R3RS1	U	234	2519				
15	PF04B	V		234	2519			
10	PEM1B	W		147	1583			
10	PEM1B	X		285	2745			
11	PSS1B	Y		1667	17944			
17	PF05B	Z		60	646			
18	PSS1ED	AA		100	1077			
8	PSS1B	AB		2585	27825			
7	PF01B	AC		1148	12357			
5	PF04/1B	AD		1076	11582			
7	PF01B	AE		133	1432			
6	PSS1C	AF		50	539			
4	PF04/1B	AG		735	7912			

PERMANENT IMPACTS: 13364 m² 143869 SF
 TEMPORARY IMPACTS: 118 m² 1272 SF

TOTAL IMPACTS: 13482 m² 145141 SF

STATE OF NEW HAMPSHIRE		
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN		
WARREN		
FEDERAL PROJECT NO.	STATE PROJECT NO.	HEET NO. TOTAL SHEETS
N/A	13209	4 24

WETLAND CLASSIFICATION CODES	
PEM1B	Palustrine. Emergent. Persistent. Saturated
PF01B	Palustrine. Forested. Broad-Leaved Deciduous. Saturated
PF04B	Palustrine. Forested. Needle-Leaved Evergreen. Saturated
PF04/1B	Palustrine. Forested. Needle-Leaved Evergreen / Forested. Broad-Leaved Deciduous. Saturated
PF04/1E	Palustrine. Forested. Needle-Leaved Evergreen / Forested. Broad-Leaved Deciduous. Seasonally Flooded/Saturated
PF05b	Palustrine. Forested. Dead. Beaver
PSS1B	Palustrine. Scrub-Shrub. Broad-Leaved Deciduous. Saturated
PSS1C	Palustrine. Scrub-Shrub. Broad-Leaved Deciduous. Seasonally Flooded
PSS1EB	Palustrine. Scrub-Shrub. Broad-Leaved Deciduous. Seasonally Flooded/Saturated. Beaver
PSS/EM1B	Palustrine. Scrub-Shrub / Emergent. Persistent. Saturated
PUB3	Palustrine. Unconsolidated Bottom. Mud
PUB2B	Palustrine. Unconsolidated Bottom. Sand. Saturated
R3RS1	Riverine. Upper Perennial. Rocky Shore. Bedrock
R3UBH	Riverine. Upper Perennial. Unconsolidated Bottom. Permanently Flooded
R3UBX	Riverine. Upper Perennial. Unconsolidated Bottom. Permanently Flooded. Excavated Stream

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
FEDERAL PROJECT NO.: STATE PROJECT NO.: SHEET NO.: TITLE: SHEET 13
WARREN

MATCH TO SHEET 06

BALL
Sheri

Mill Road

Ball, James E.
& Elaine M.

ORN

2Φ¹/₂ stry
wood

CONSTRUCTION B

BALL

1Φ¹/₂ stry
wood

2

BALL, James E.
& Elaine M.

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO. TOTAL SHEETS
47700 47700 24

WARREN



NH Route 25 417

APPROX. EXISTING BOW

35
PEM1B

37
PSS1B

36
PEM1B

37
PEM1B

1 1/2 stry
wood

ANDERSON
Margaret
& Henry G. Jr.

56

gravel dr

BALL

BALL

BALL

BALL

BALL

BALL

BALL

BALL

WARREN

STATE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

FEDERAL PROJECT NO. STATE PROJECT NO. SHEET INDIVIDUAL SHEET

GRAPHIC SCALE

30 m
20
10
0

MATCH TO SHEET 07

RAMSAY
Eunice M.

old stone
foundation

High Street *

GLENCLIFF
COMMUNITY
CHAPEL INC.

stone
hdr

1 1/2
stry
wood

GLENCLEIFF
BALL

61

string row

di
cmpl

MCHA

300 mm cpc
TYP
D1G3T

RAMSAY

BALL

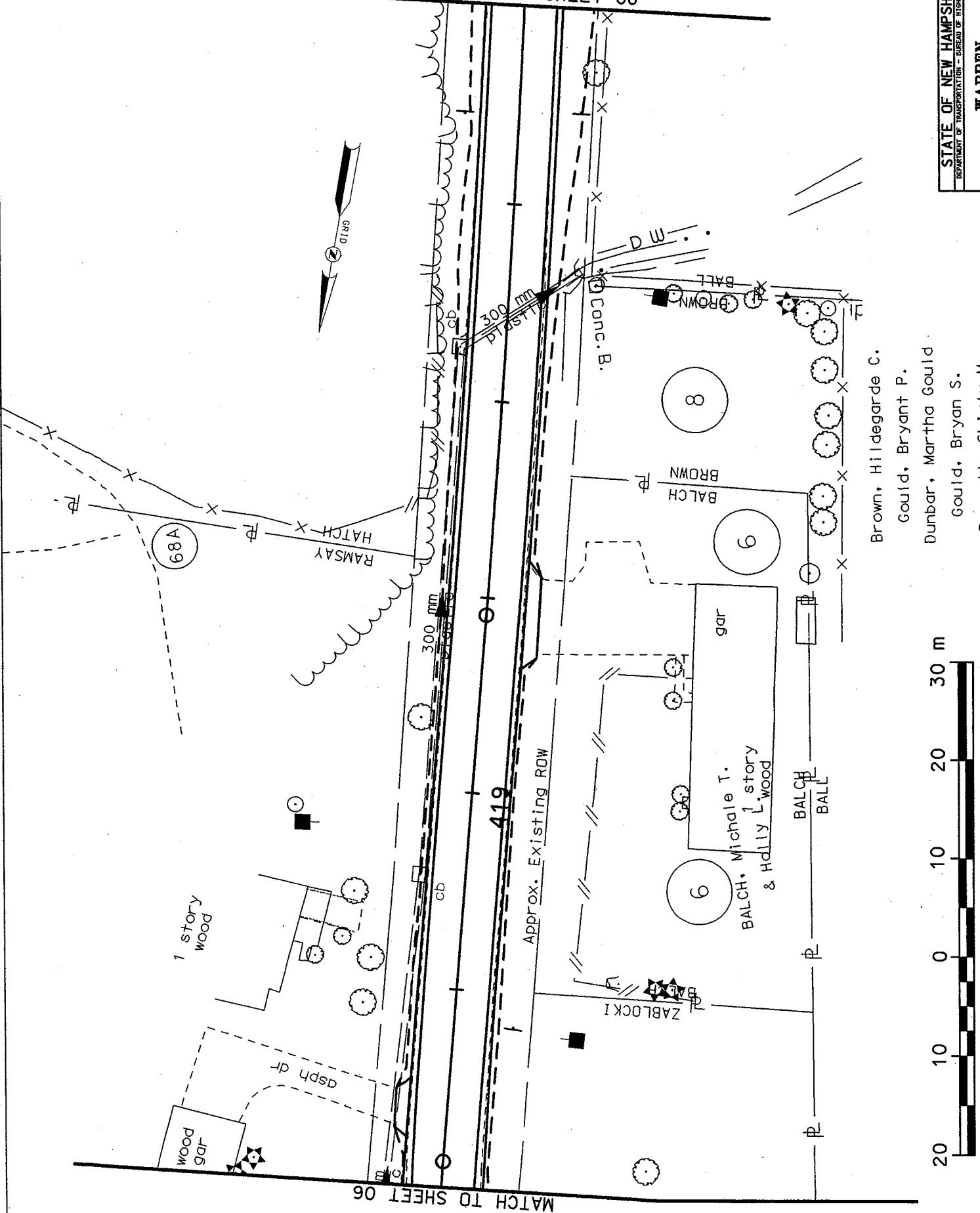
ZABLICKI,
Mdry Anne
ZABLICKI,
BARN
2 stry
hse
7

418

ZABLICKI
BARN

MATCH TO SHEET 05

MATCH TO SHEET 08



GRAPHIC SCALE

FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO. TOTAL SHEETS
NJ/A 42900 7 24

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

WARREN

Brown, Hildegarde C.
Gould, Bryant P.
Dunbar, Martha Gould
Gould, Bryan S.
Bennett, Shirley M.
Wright, Marlene M.

MATCH TO SHEET 09

MATCH TO SHEET 07

GRAPHIC SCALE



NH Route

420 42

Stone hrd

420

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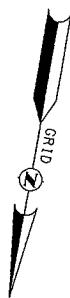
42

MATCH TO SHEET 10



70

HATCH
JAMES
& JUDITH



MATCH TO SHEET 08

25

CONSTRUCTION B

422

APPROX. Existing ROW

0

ROW

STATE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

WARREN

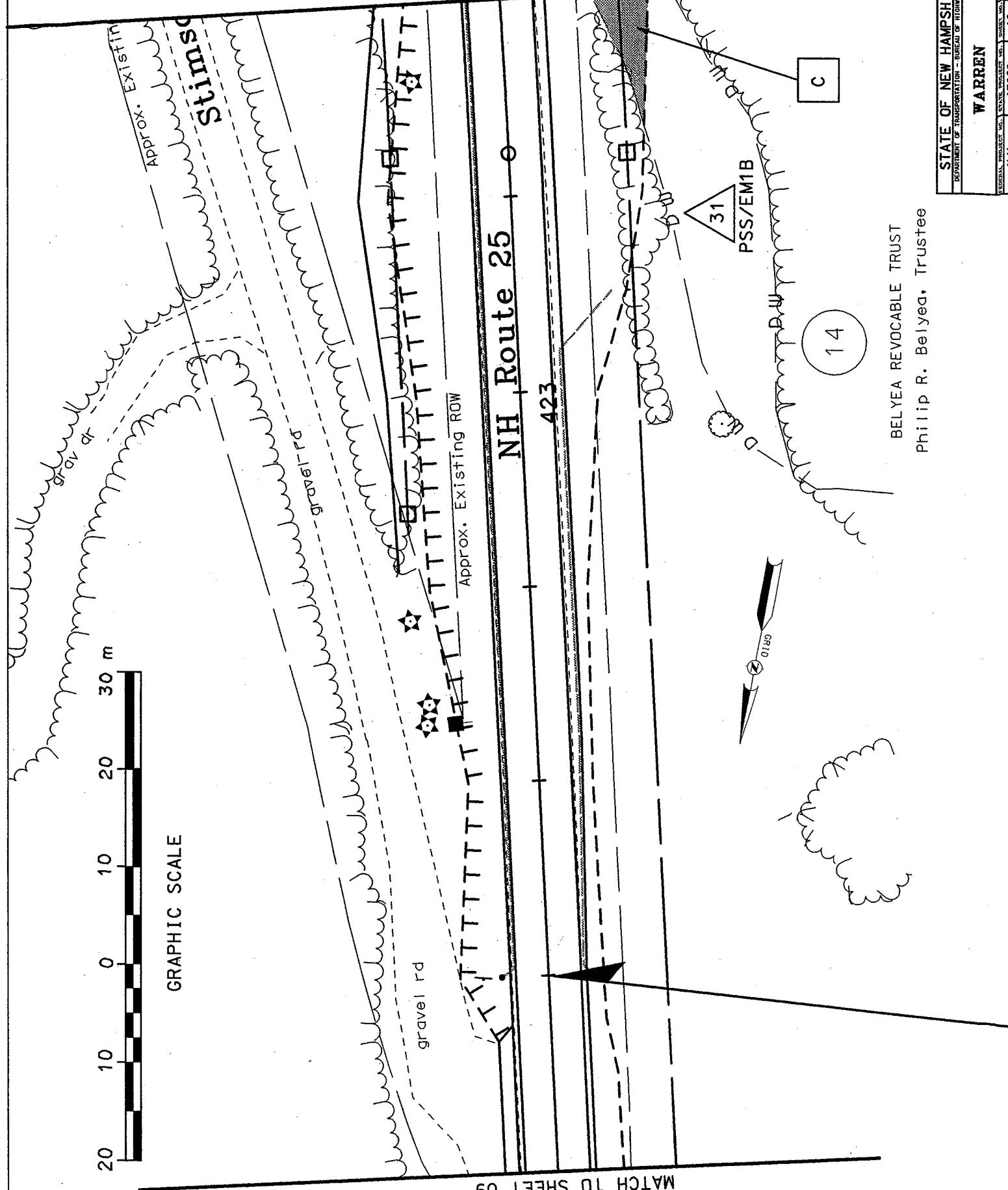
FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO. TOTAL SHEETS
N/A 17010 9 24

MATCH TO SHEET 11

APPROX. EXISTING
Stim's

20 10 0 10 20 30 m

GRAPHIC SCALE



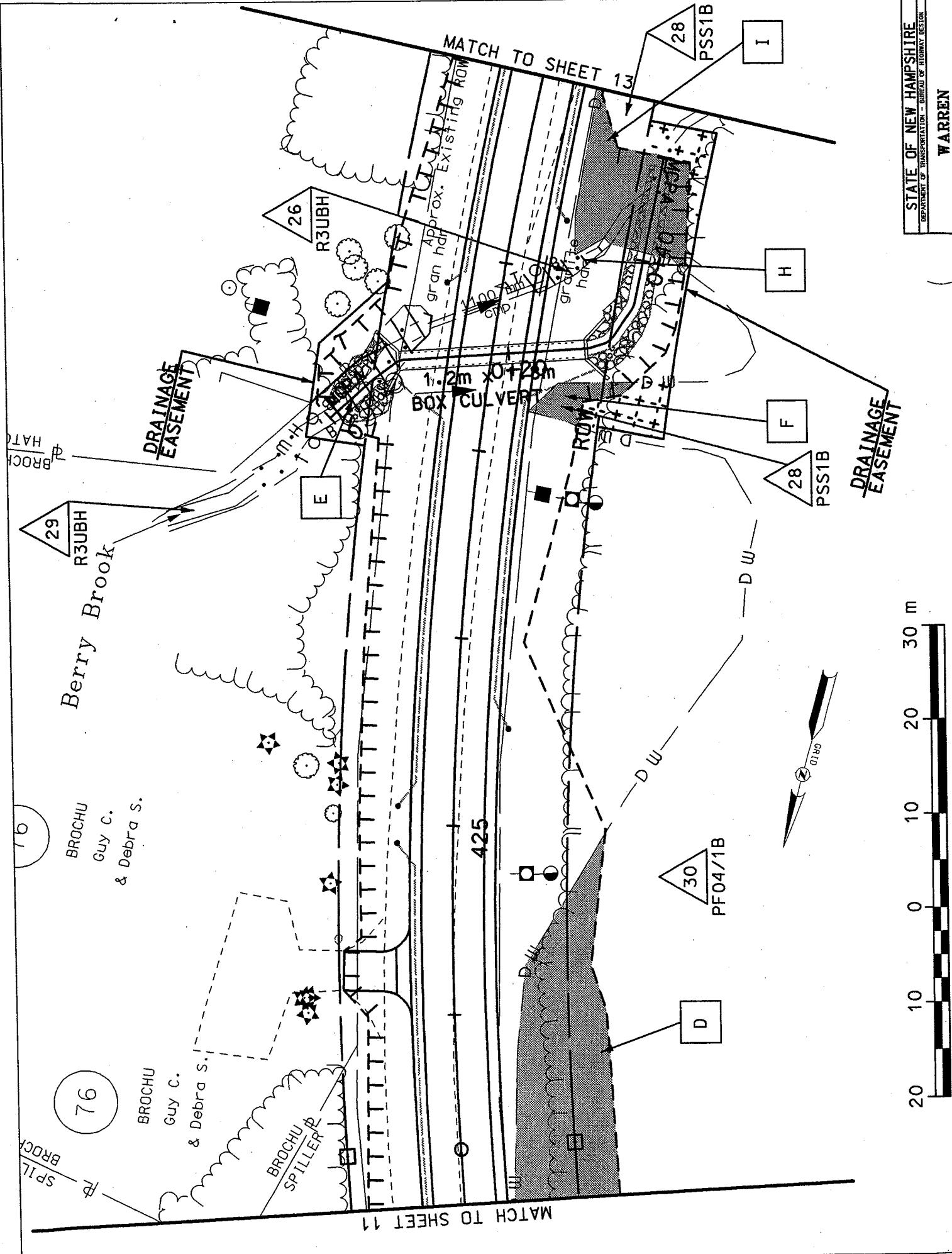
MATCH TO SHEET 09

BELYEA REVOCABLE TRUST
Philip R. Belyea, Trustee

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
WARREN

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO. TOTAL SHEETS
1111 42900 12 24

WARREN



METRIC**GRAPHIC SCALE**

5

0

5

PSS1B

28

29

E

F

R3UBH

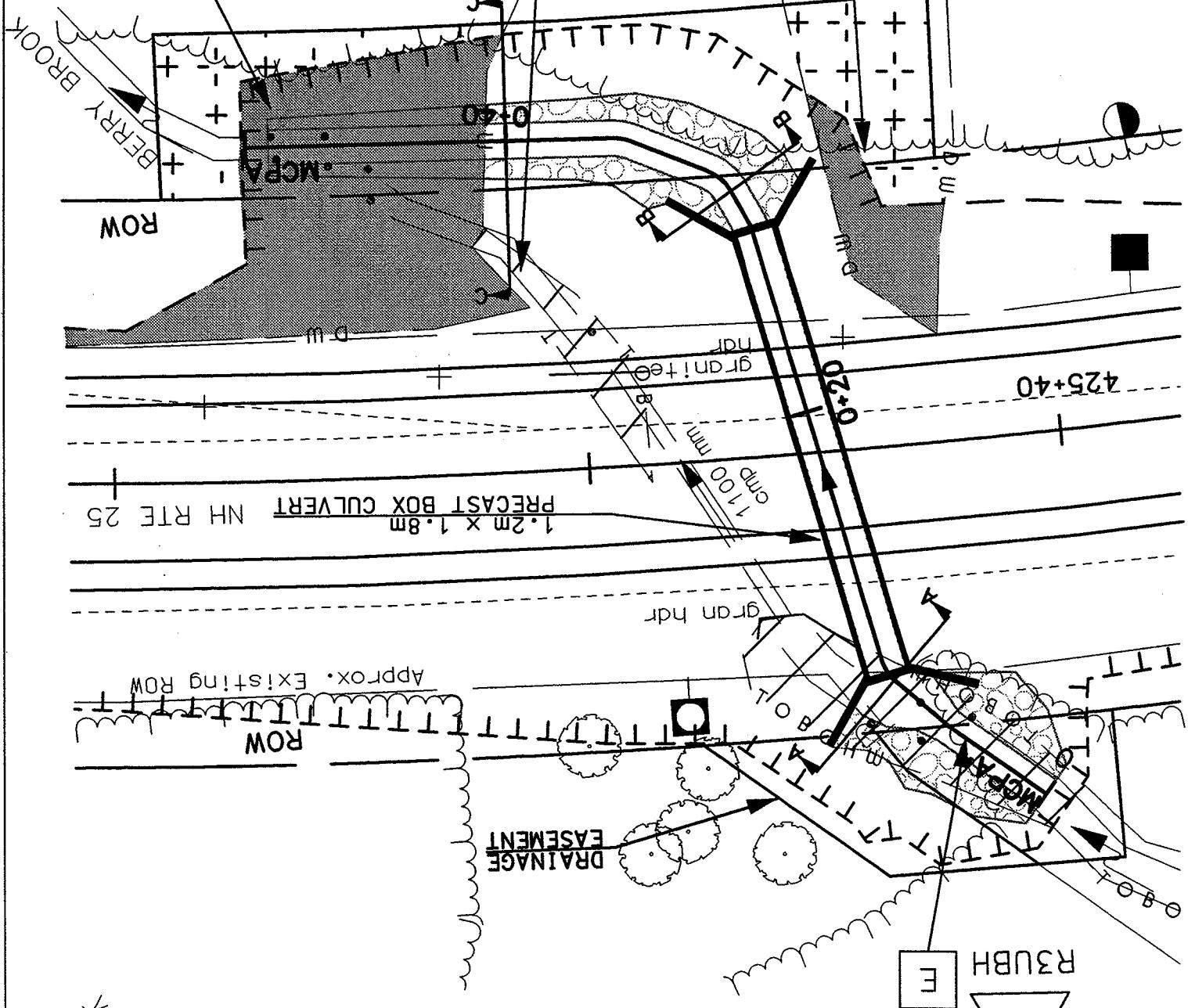
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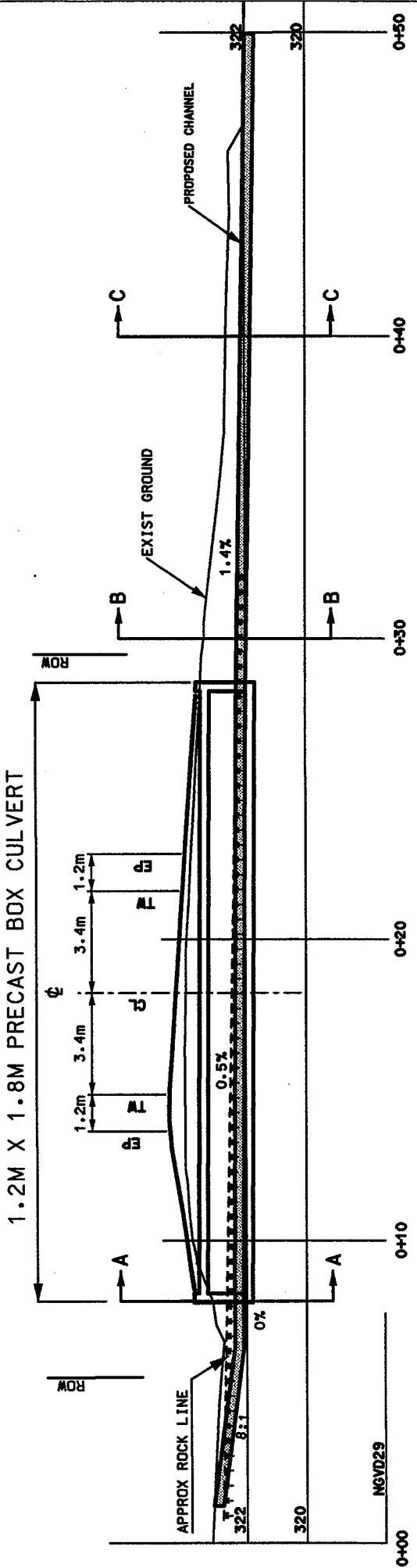
PSS1B

28

I

H



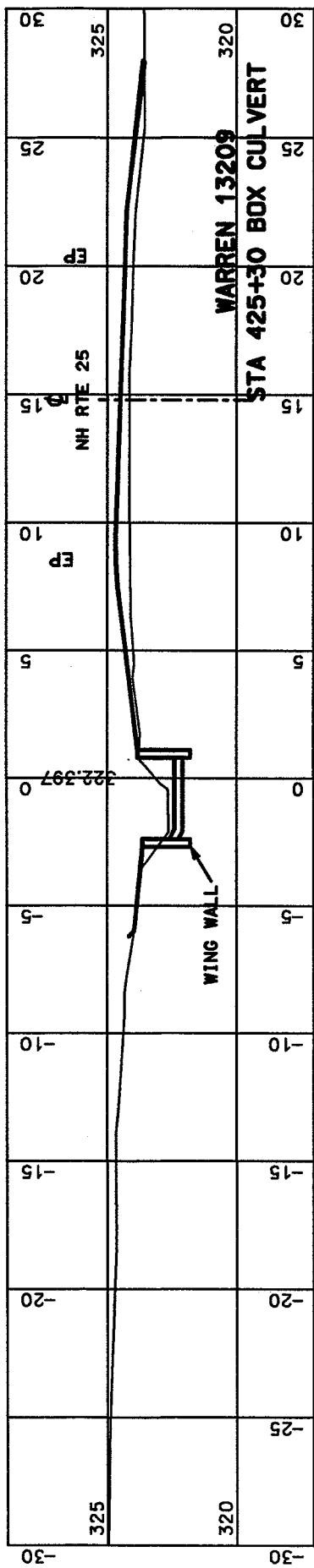


NOTE:
INVERT AND BOX CULVERT
TO BE BURIED 0.5 m TO
PROVIDE A NATURAL BOTTOM

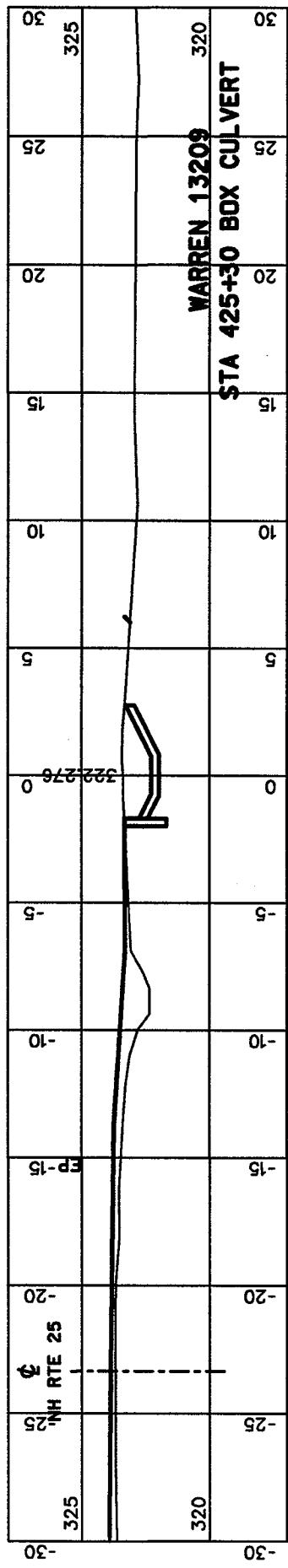
STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
STREAM RELOCATION
DETAIL

METRIC

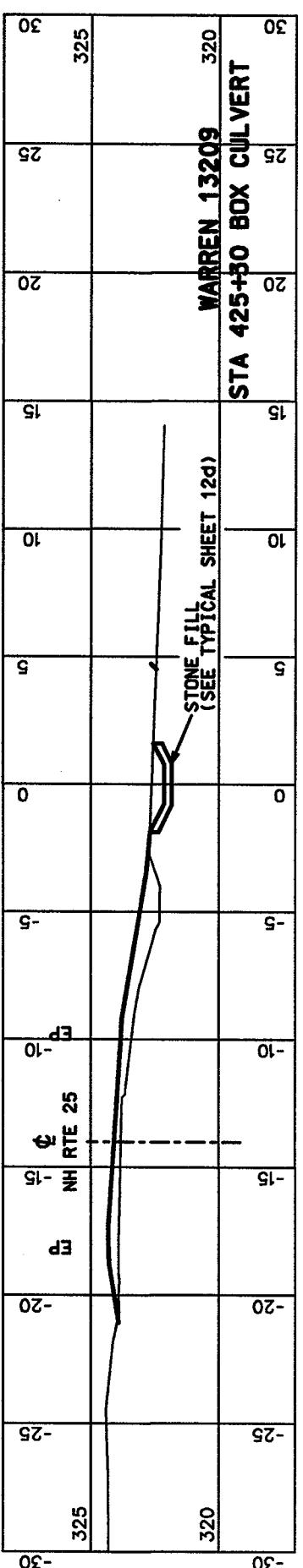
PROFILE
CENTER OF STREAM RELOCATION
STA 425+30
NOT TO SCALE



SECTION A-A



SECTION B-B



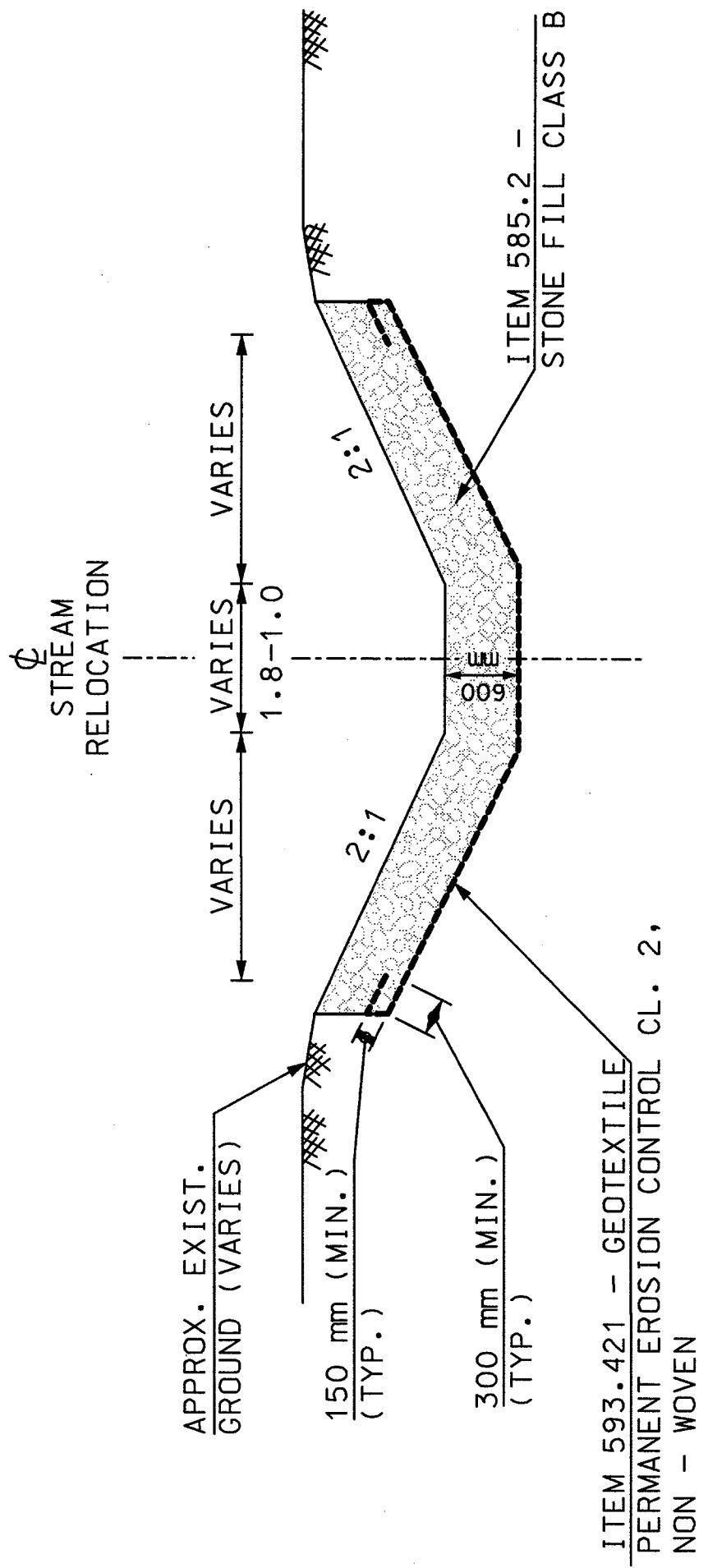
METRIC

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
STREAM RELOCATION

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
3 OF 3	N/A	13209	12C 24

SECTION C-C

0+40



1. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS. DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

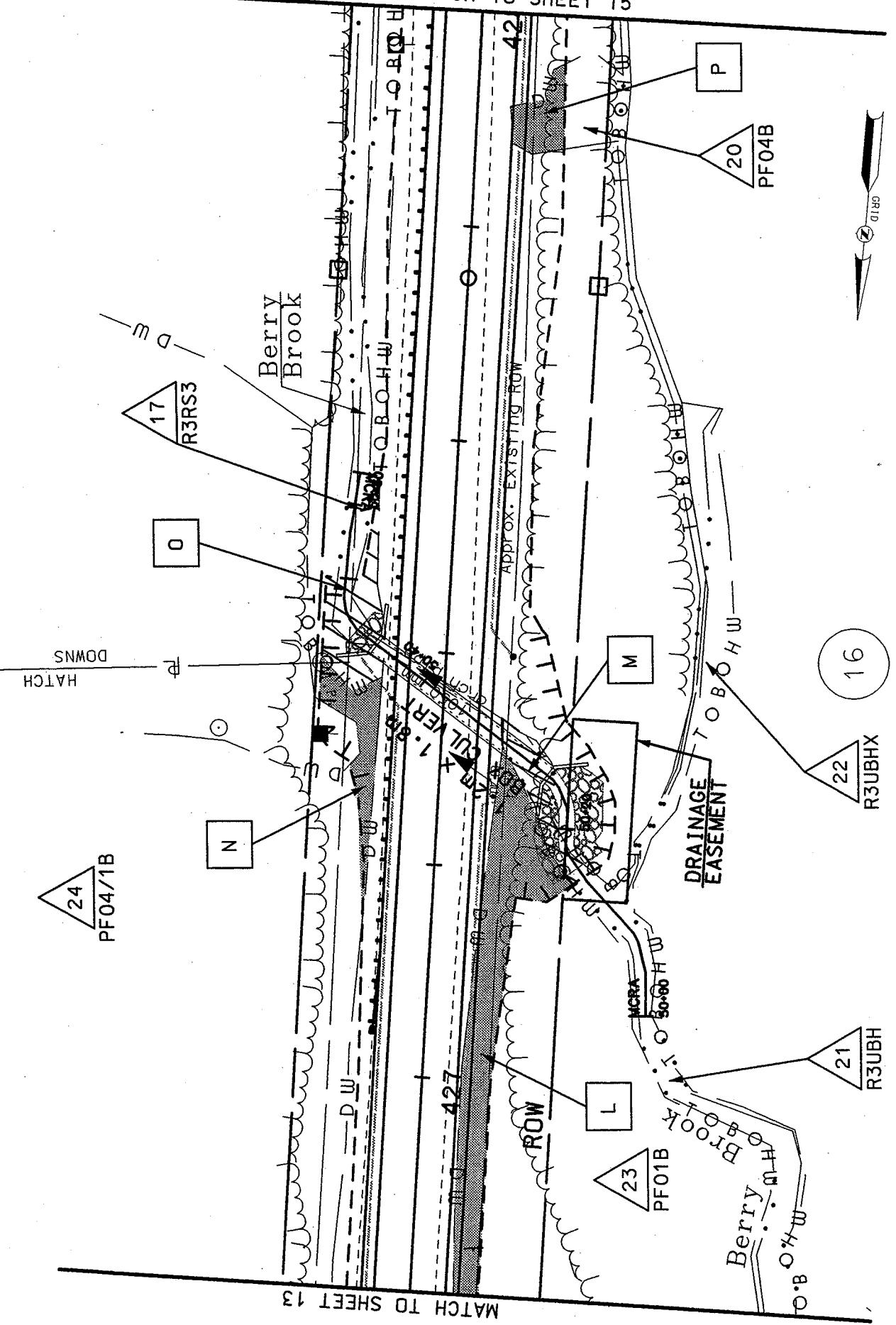
RELOCATED STREAM
TYPICAL

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAYS BOSTON
STREAM RELOCATION
DETAIL

METRIC

1 OF 1
N/A
FEDERAL PROJECT NO. 13209
STATE PROJECT NO. 12d
TOTAL SHEETS 24

MATCH TO SHEET 15



CHANDLER, Nancy B.



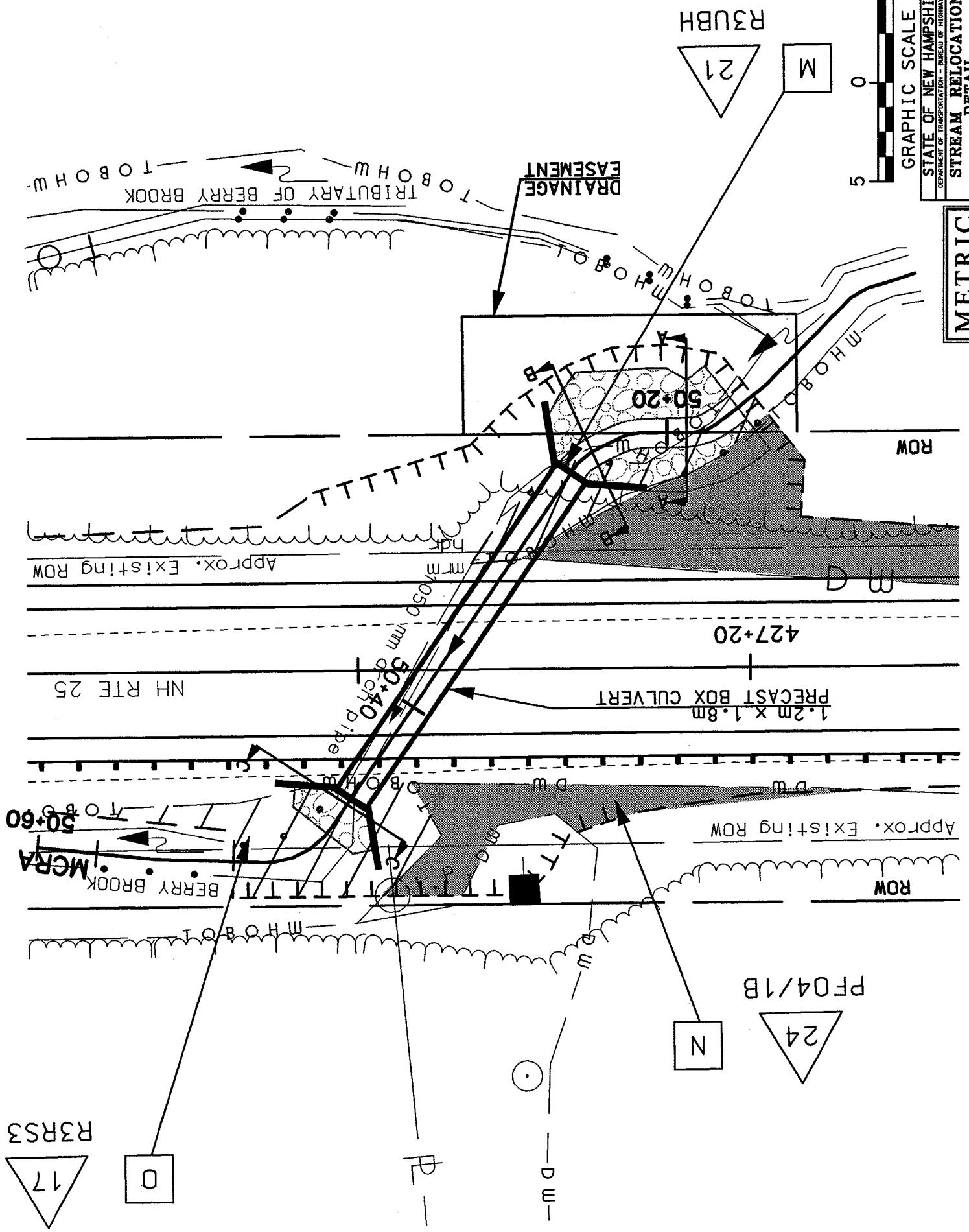
GRAPHIC SCALE

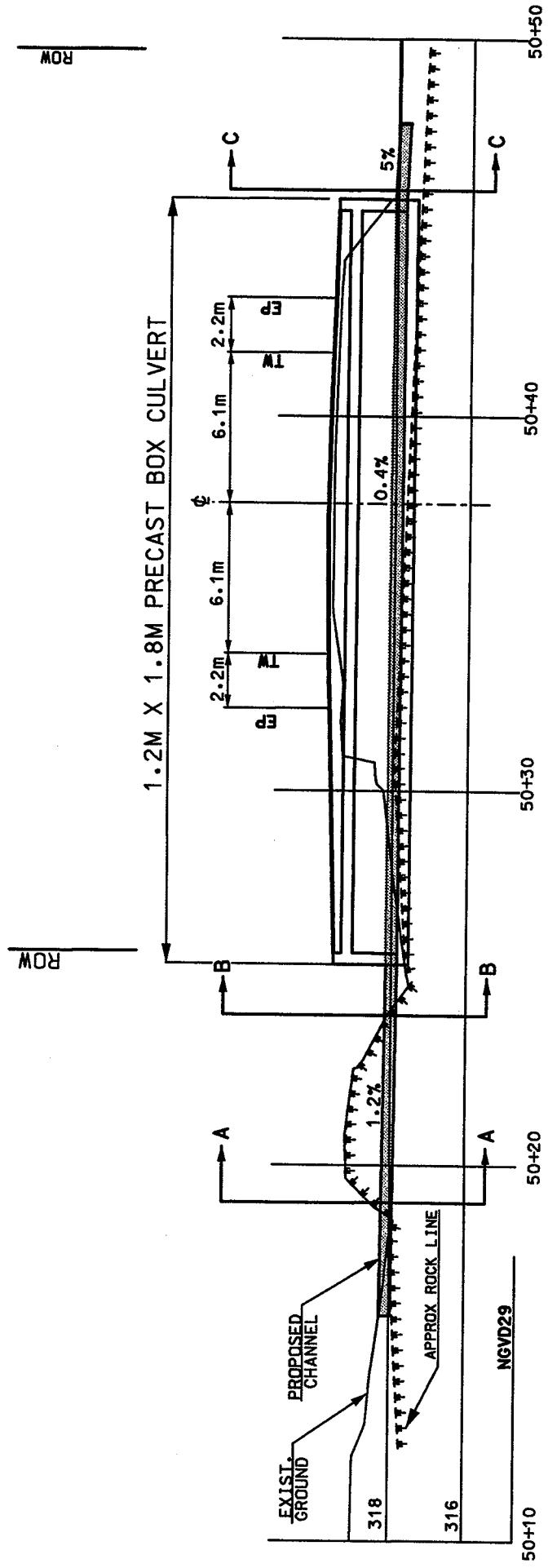
STATE OF NEW HAMPSHIRE	
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN	
WARRREN	
FEDERAL PROJECT NO. 13200	SHEET NO. 14 TOTAL SHEETS 74

FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO. TOTAL SHEETS
13200 14 74

GRAPHIC SCALE
STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
STREAM RELOCATION

METRIC



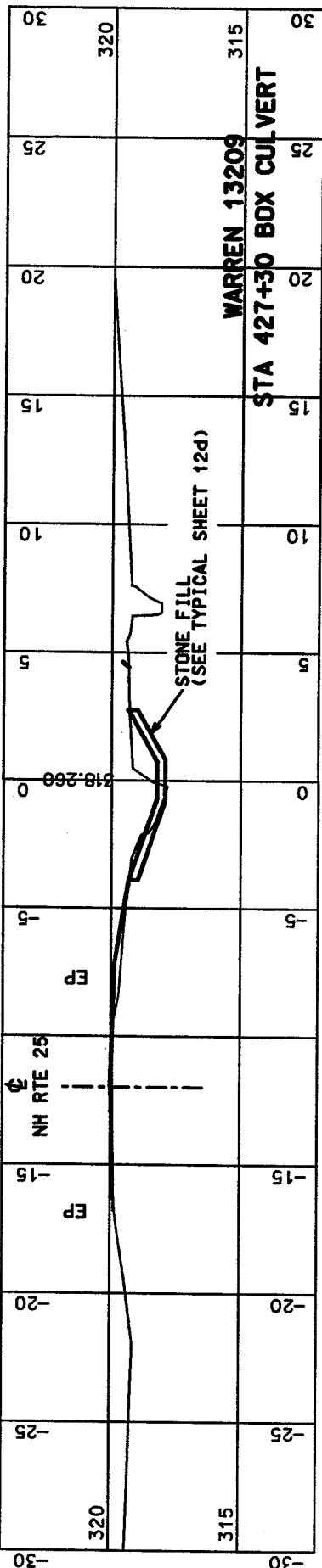


PROFILE
CENTER OF STREAM RELOCATION
STA 427+30
NOT TO SCALE

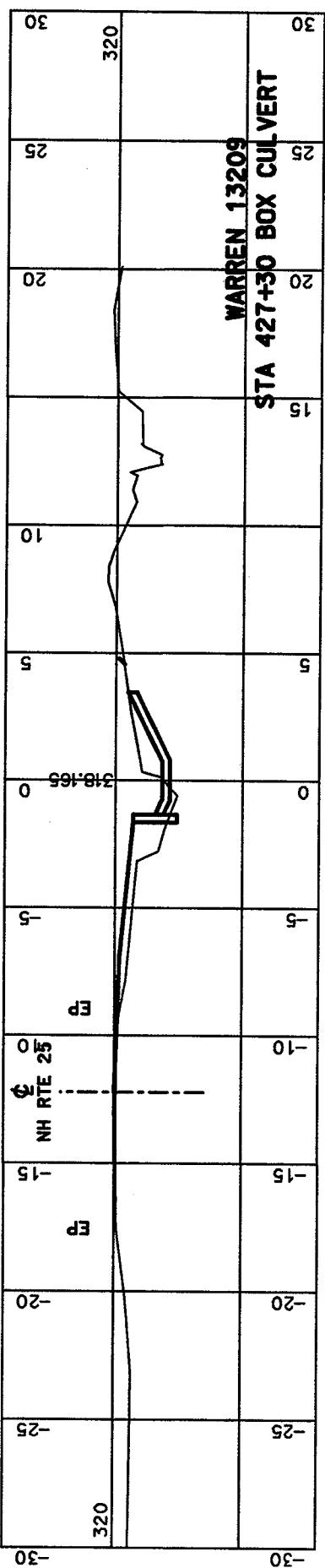
NOTE:
INVERT AND SIDE CULVERT
TO BE BURIED 0.3 m TO
PROVIDE A NATURAL BOTTOM

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
STREAM RELOCATION DETAIL
METRIC

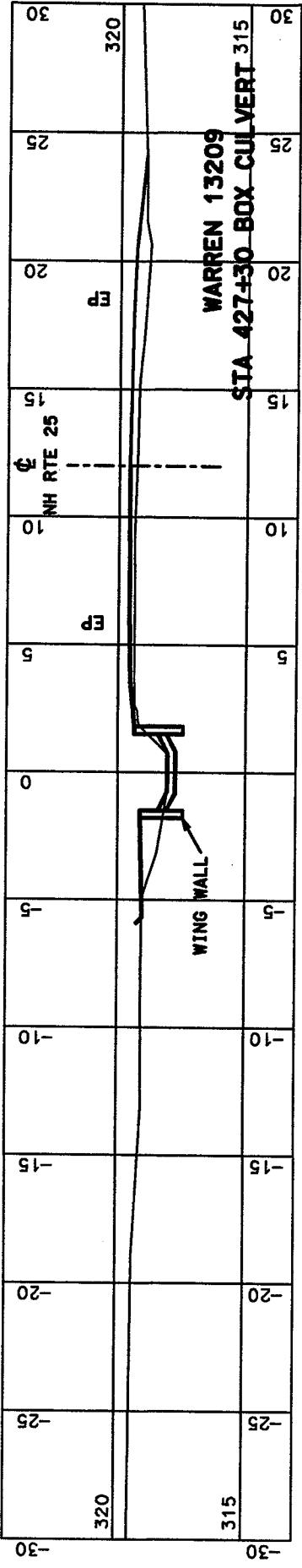
2 DF 3	N/A	STATE PROJECT NO.	13208	SHEET NO.	1A	OF TOTAL SHEETS	24
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SECTION A-A



SECTION 50+24 B-8



SECTION C-C

METRIC

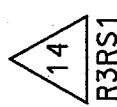
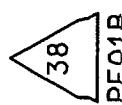
OF NEW HAMPSHIRE
TRANSPORTATION - BUREAU OF HIGHWAY DESIGN
ROAD RELOCATION
DETAIL

FEDERAL PROJECT NO.	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
3-0E-3	NVA	13200	146 34

80

DOWNS, Jean Paul
& Marsha L.

10.0 A.C. ±



Berry
Brook

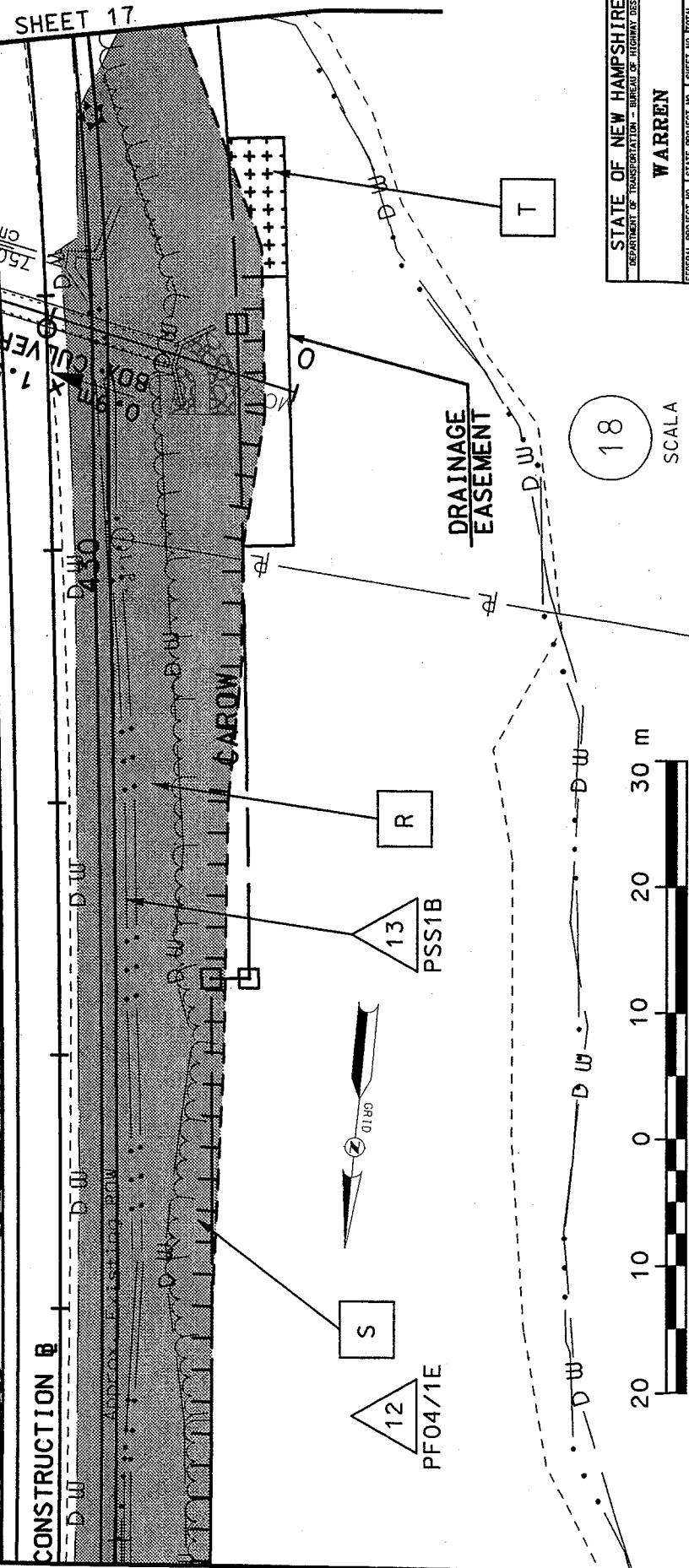
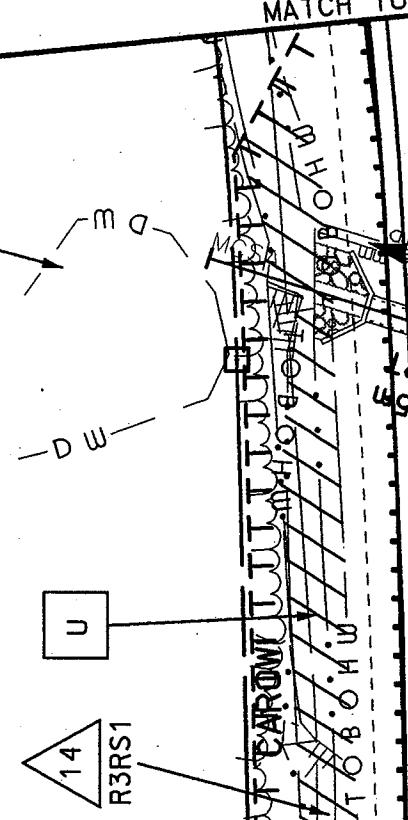
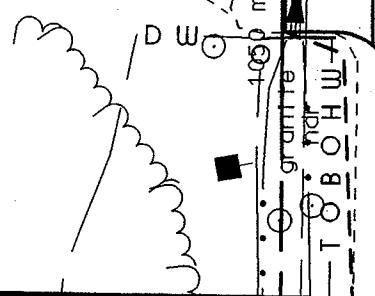
MATCH TO SHEET 17

MATCH TO SHEET 15

CONSTRUCTION B

MATCH TO SHEET 17

MATCH TO SHEET 15



18

SCALA

100 30 m

STATE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

WARREN

FEDERAL PROJECT NO. STATE PROJECTED NO. SHEET NO. TOTAL SHEETS
N/A 13200 16 24

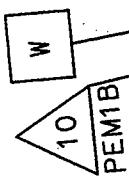
Domino
& Marsha L.



GRAPHIC SCALE

Berry
Brook

MATCH TO SHEET 18



W

NH F

431

MATCH TO SHEET 16

S

12 PF04/1E

18

SCALA
William P.
& Kathleen A.
(1 point of
access, shared)

11 PSS1B

Y

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

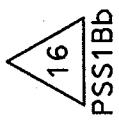
WARREN

FEDERAL PROJECT NO. STATE PROJECT NO. SHEET NO./TOTAL SHEETS
N/A 13209 17 24

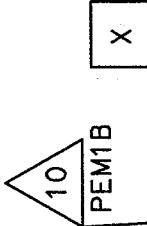
GRAPHIC SCALE

MATCH TO SHEET 19

MATCH TO SHEET 17



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RUTLEDGE

Michael · P.

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STATE OF NEW YORK

SIAIE OF NEW HAMPSHIRE

DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN

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MATCH TO SHEET 20

